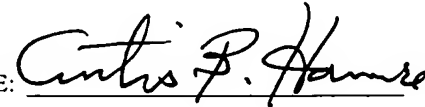


FORM PTO-100 (Rev. 10-94)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 8373.350USWO
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) UNKNOWN <b>10/537734</b>
INTERNATIONAL APPLICATION NO. PCT/JP2003/014881	INTERNATIONAL FILING DATE 21 NOVEMBER 2003	PRIORITY DATE CLAIMED 25 DECEMBER 2002	
TITLE OF INVENTION GLASS SHEET QUENCHING METHOD AND APPARATUS			
APPLICANT(S) FOR DO/EO/US YOSHIZAWA			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).</li> <li><input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> has been transmitted by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li><input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li><input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> have been transmitted by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li><input checked="" type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
<b>Items 11. to 16. below concern document(s) or information included:</b>			
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form 1449, 2 references.			
12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.			
14. <input type="checkbox"/> A substitute specification.			
15. <input type="checkbox"/> A change of power of attorney and/or address letter.			
16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet (3 pages), Communication Under 37 CFR 1.32(c)(3), Change of Address, International Publication Page of WO 2004/0586582 A1, Form PCT/ISA/210 (in English and Japanese language), Form PCT/IPEA/409 (in English and Japanese language), Form PCT/RO/101.			

1020 Rec'd PCT/PTO 07 JUN 2005

U.S. APPLICATION NO. (If known, see 37 C.F.R.-1.5) UNKNOWN		INTERNATIONAL PCT/PTO NO. PCT/JP2003/014881		ATTORNEY'S DOCKET NUMBER 8373.350USWO	
10/537734					
<b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b>					
[X] a) Basic National fee.....				\$300.00	\$300.00
[X] b) Examination fee.....				\$200.00	\$200.00
[X] c) Search fee.....				\$500.00	\$500.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1000.00	
0.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		Rate	
27 - 100 =	0 / 50 =			X \$250.00	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	13 - 20 =	0	X \$50.00 \$0.00		
Independent claims	2 - 3 =	0	X \$200.00 \$0.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00 \$0.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1000.00	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				\$0.00	
<b>SUBTOTAL =</b>				\$1000.00	
Processing fee of \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$0.00
<b>TOTAL NATIONAL FEE =</b>				\$1000.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$40.00
<b>TOTAL FEES ENCLOSED =</b>				\$1040.00	
				Amount to be: refunded	\$0.00
				charged	\$0.00
a. [X] Check(s) in the amount of \$1040.00 to cover the above fees is enclosed.					
b. [ ] Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3478.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>					
SEND ALL CORRESPONDENCE TO: Curtis B. Hamre Hamre, Schumann, Mueller & Larson, P.C. P.O. Box 2902-0902 Minneapolis, MN 55402					
				SIGNATURE: 	
				NAME: Curtis B. Hamre	
				REGISTRATION NUMBER: 29,165	

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/537734

Applicant: YOSHIZAWA

JC20 Rec PCT/PTO 07 JUN 2005

Docket: 8373.350USWO

Title: GLASS SHEET QUENCHING METHOD AND APPARATUS

**CERTIFICATE UNDER 37 CFR 1.10:**

"Express Mail" mailing label number: ED 769611690 US

Date of Deposit: JUNE 7, 2005

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450.

By: 

Name: YUHGO MARUTA

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ National Stage PCT Patent Application: Spec. 13 pgs; 8 claims; Abstract 1 pgs.  
The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 11 sheets of informal/formal drawings
- ☒ A signed Combined Declaration and Power of Attorney
- ☒ Assignment of the invention to NIPPON SHEET GLASS CO., LTD., Recordation Form Cover Sheet
- ☒ Check in the amount of \$1040.00 to cover the Filing Fee and Assignment Recording Fee
- ☒ Information Disclosure Statement, Form 1449, 2 references.
- ☒ Application Data Sheet, 3 pages.
- ☒ Other: Form PTO-1390, Copy of the International Application as filed in Japanese, English translation of the International Application, International Publication page of WO 2004/0586582 A1, Communication re: Change of Address, Communication Under 37 C.F.R. 1.32(c)(3), Form PCT/ISA/210 (in English and Japanese language), Form PCT/IPEA/409 and 2 pages of annexes (in English and Japanese language), Form PCT/RO/101.
- ☒ Return postcard

## CLAIMS AS FILED

Number of Claims Filed	No.	In Excess of	Extra	Rate	Fee
Total Claims	8	20	0	50.00	= 0.00
Independent Claims	2	3	0	200.00	= 0.00
Multiple Dependent Claims Fee					= 0.00
Basic Filing Fee					= 300.00
Search Fee					= 500.00
Examination Fee					= 200.00
Utility Application Size Fee	27	100	0	250.00	= 0.00
Total					= 1000.00

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.  
 P.O. Box 2902-0902 Minneapolis, MN 55402  
 612.455-3800

By: 

Name: Curtis B. Hamre  
 Reg. No.: 29,165  
 Initials: CBH:nel

52835

PATENT TRADEMARK OFFICE

(PTO TRANSMITTAL - NEW FILING)

10/537734

JC20 Recd PCT/PTO 07 JUN 2005

S/N

UNKNOWN

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: YOSHIZAWA Examiner: UNKNOWN  
Serial No.: UNKNOWN Group Art Unit: UNKNOWN  
Filed: HEREWITH Docket: 8373.350USWO  
Title: GLASS SHEET QUENCHING METHOD AND APPARATUS

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: ED 769611690 US

Date of Deposit: JUNE 7, 2005

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

Name: YUHGO MARUTA

CHANGE OF ADDRESS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Please change the correspondence address for the above-referenced patent application to:

Hamre, Schumann, Mueller & Larson, P.C.  
P.O. Box 2902-0902  
Minneapolis, MN 55402

If there are any questions regarding this matter, please call the undersigned at 612.455.3800.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
P.O. Box 2902-0902  
Minneapolis, MN 55402-0903  
(612) 455-3800

Dated: June 7, 2005

By: 

Curtis B. Hamre  
Reg. No. 29,165

CBH:nel

**52835**

PATENT TRADEMARK OFFICE